

### AMENDMENTS TO THE SPECIFICATION

Please amend paragraph [0017] as follows:

[0017] FIG. 1A is a schematic illustration of an exemplary gas regulation system of the present invention. FIGS. 1B and 1C are schematic illustrations of exemplary gas regulation systems of the present invention showing additional features beyond those depicted in FIG. 1A.

Please amend paragraph [0033] as follows:

[0033] The inventive system contains components typically included in an ordinary oxygen regulation system but also includes a number of modifications. FIGS. 1A-1C depict[[s]] [[and]] exemplary embodiments of the inventive system. As with all figures referenced herein, in which like parts are referenced by like numerals, FIGS. 1A-1C are [[is]] not necessarily to scale, and certain dimensions may be exaggerated for clarity of presentation. As depicted, the system 10 includes a source of oxygen in the form of an oxygen tank 12. An oxygen regulator comprising a solenoid valve 14 is operatively connected and located downstream from the tank 12. A tube 16 is also attached the valve 14 to transport to oxygen to a patient 18. The valve 14 is adapted to control the oxygen flow-rate based on a control signal received thereby.